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**Positive pole for lithium sec. cell for power source of small and light wt. el
comprising material contg. at least lithium is vapour deposited on electrode substrate,
oxide film contg. lithium-oxide formed on substrate**

Patent Assignee: NISSHIN ELECTRICAL CO LTD (NDEN)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 8287901	A	19961101	JP 9593860	A	19950419	199703 B
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Priority Applications (No Type Date): JP 9593860 A 19950419

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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JP 8287901	A	6	H01M-004/04	
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Abstract (Basic): JP 8287901 A

Method comprises: (a) a material contg. at least Li is vapour deposited on an electrode substrate and simultaneously ions are irradiated on the substrate; and (b) an oxide film contg. at least Li-oxide is formed on the substrate by blowing O₂ on the substrate.

USE - The cell is suitable for power source of smaller size and light wt. electronic appts..

ADVANTAGE - The electrode has improved property since adhesiveness of the oxide film with the electrode substrate is improved.

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Title Terms: POSITIVE; POLE; LITHIUM; SEC; CELL; POWER; SOURCE; LIGHT; WEIGHT; ELECTRONIC; APPARATUS; COMPRISE; MATERIAL; CONTAIN; LITHIUM; VAPOUR; DEPOSIT; ELECTRODE; SUBSTRATE; OXIDE; FILM; CONTAIN; LITHIUM; OXIDE; FORMING; SUBSTRATE

Derwent Class: L03; X16

International Patent Class (Main): H01M-004/04

International Patent Class (Additional): C23C-014/22

File Segment: CPI; EPI

Manual Codes (CPI/A-N): L03-E01B5

Manual Codes (EPI/S-X): X16-E08A